

# Work Order ID 76144

**\*76144\***

Page 1

November-07-11 12:35:04 PM

Item ID: D412-750-142

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Tail Light Fairing, RH

Start Date: 07/11/2011 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 11/11/2011 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals:

Process Plan: M.L.J

Date: 11/11/07

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

N/A

Rev A

100

0.00

**\*100\***

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D412-750-142 CHG001

Sululox

M.L.J 11/11/07

110

Pick Kit

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

SP 11-11-07

120

QC4- 100% Inspect kits for completeness

0.00

**\*120\***

QC

Memo

0.00

Quality Control

\*\*\*\*\* Ensure part is a R/H as per dwg \*\*\*\*\*

Sululox

(F2)  
41

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Work Order ID 76144

November-07-11 12:35:04 PM

\*76144\*

Page 2

Item ID: D412-750-142

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Tail Light Fairing, RH

Start Date: 07/11/2011 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 11/11/2011 Req'd Qty: 2.00

\*2\*

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
*130*									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-750-142 Location: _____ PPP Rev: <u>A</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
*140*									
QC	Memo	0.00							
Quality Control									

SOP 11-11-07

11/11/12

MS 11-11-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## November-07-11 12:35:08 PM

**\*76144\***

**\*D412-750-142\***

**Start Date:** 07/11/2011

**Required Date:** 11/11/2011

**Start Qty: 2.00**

**Required Qty: 2.00**

**Comments:** IPP revA 06.09.22 new issue EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-3A		Purchased	No			120	Each	359.0000	10	20			
<b>*AN3-3A*</b> Bolt													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST350		359							
				118628		159				20x			
				119328		200							
AN960JD10	NAS1149D0363J	Purchased	No			120	Each	0.0000	10	20			
<b>*AN960.ID10*</b> Washer													
D3484-042		Manufactured	No			120	Each	2.0000	1	2			
<b>*D3484-042*</b> Tail Light Fairing Assembly, RH													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST205		2							
				70619		2				2x			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

- 3.8 Fasten the D3484-041/-042 Tail Light Fairing complete with A2064-1683 Tail Light Assembly to the tailboom using the provided (10) AN3-3A bolts into the tailboom's existing holes. Torque bolts 15-25 lb-in (1.7-2.8 N-m). Refer to Figure 1, Detail A.

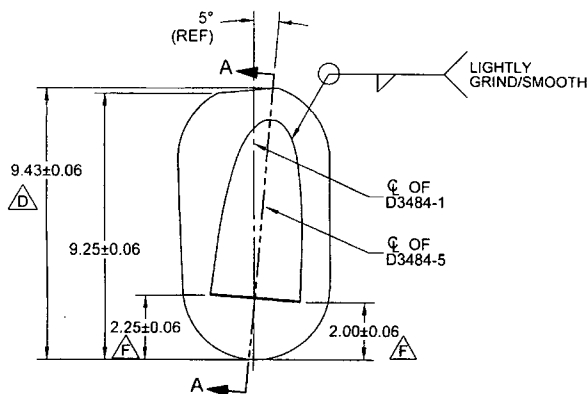
#### 4.0 WEIGHT AND BALANCE

The following is the net weight increase associated with the installation of the D412-750-141/-142 Tail Light Fairing Kit.

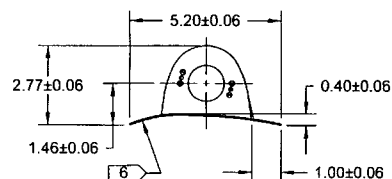
Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
<b>D412-750-141</b>	0.13 lb	6.0 in	0.78 lb-in	296.1 in	38.49 lb-in
<i>Tail Light Fairing Kit, LH</i>	0.06 kg	0.2 m	0.01 kg-m	7.5 m	0.45 kg-m
<b>D412-750-142</b>	0.13 lb	6.0 in	0.78 lb-in	296.1 in	38.49 lb-in
<i>Tail Light Fairing Kit, RH</i>	0.06 kg	0.2 m	0.01 kg-m	7.5 m	0.45 kg-m

#### 5.0 PARTS LIST

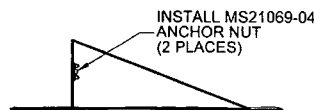
Qty - 141	Qty - 142	Part Number	Description
X		D412-750-141	TAIL LIGHT FAIRING KIT, LH
	X	D412-750-142	TAIL LIGHT FAIRING KIT, RH
1		D3484-041	TAIL LIGHT FAIRING ASS'Y, LH
	1	D3484-042	TAIL LIGHT FAIRING ASS'Y, RH
10	10	AN3-3A	BOLT
10	10	AN960JD10	WASHER



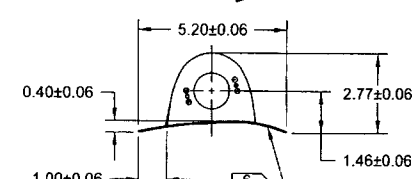
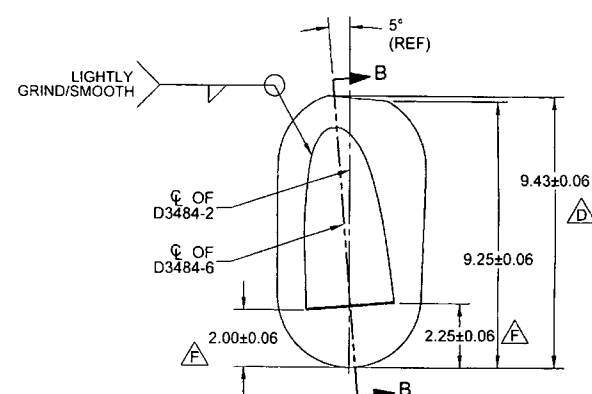
QTY -041	QTY -042	P/N	DESCRIPTION
X	X	D3484-041	TAIL LIGHT FAIRING ASSEMBLY (LH)
	X	D3484-042	TAIL LIGHT FAIRING ASSEMBLY (RH)
1		D3484-1	BASE (LH)
	1	D3484-2	BASE (RH)
1		D3484-3	FACE (LH)
	1	D3484-4	FACE (RH)
1		D3484-5	CONE (LH)
	1	D3484-6	CONE (RH)
4	4	CR1122-3-02.5	RIVET
2	2	MS21069-04	ANCHOR NUT



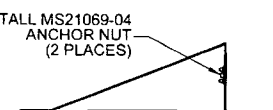
SECTION A-A



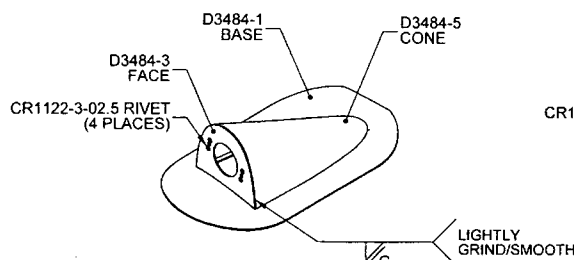
D3484-041 TAIL LIGHT FAIRING



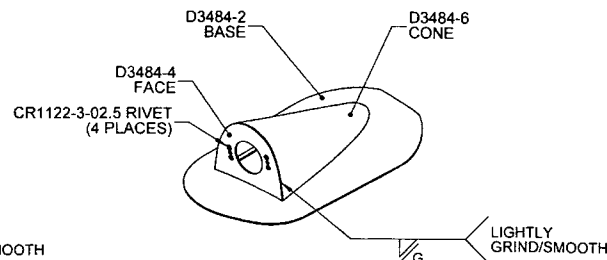
SECTION B-B



D3484-042 TAIL LIGHT FAIRING



D3484-041 ISOMETRIC VIEW



D3484-042 ISOMETRIC VIEW

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) WELDING: PER DART QSI 004
  - 6) IDENTIFICATION: IDENTIFY ON INSIDE SURFACE AS INDICATED WITH WHITE LABEL:  
"TCCA-PDA, DART AEROSPACE LTD., P/N D412-750-141/142 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA06-13"
  - 7) WEIGHT: 0.30 lbs

RELEASED  
09/21/24

F	UPDATE MATERIAL SPEC. ADD 6061-0, ZN A7-2, A7-3, B3-4, UPDATE DIMENSIONS ZN C1-1, C2-1, C7-1, C8-1 UPDATE WELDING NOTE ZN A3-1, A6-1		09.03.31
E	REDRAWN/REFORMAT TO SHOW LH AND RH CONFIGURATIONS FOR CLARITY; CORRECT VIEWS ON SHEET 3 & 4 (WAS SHOWING MIRROR IMAGE OF PARTS); DIM 1.560 WAS 1.563 (SHEET 3, ZONE B4); CR1122-3-02.5 RIVET WAS MS20426AD3-3 RIVET	MB	08.01.03
D	CORRECT D3484-1F	MB	08.06.22
C	RE-DESIGN D3484-3F/5F	MB	06.04.20
B	RE-DESIGN	MB	06.02.21
A	NEW ISSUE	MB	05.11.29
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.03.31		

DART AEROSPACE LTD  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3484  
REV. F  
SHEET 1 OF 4  
TITLE TAIL LIGHT FAIRING  
SCALE 1:1

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